

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Michiaki NAGASAWA et al. : Docket No. 2005\_0859A  
Serial No. 10/537,313 :  
Filed June 2, 2005 :

PHOSPHODIESTERASE 10A INHIBITOR  
[Corresponding to PCT/JP2003/015315,  
Filed December 1, 2003]

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FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

a. ☐ a full or partial English language translation submitted herewith,

b. ☒ a foreign patent office search report (ISR) (in the English language) of record,

c. ☒ the concise explanation contained in the specification of the present application at pages 1-4 (Patent Article 2 and Non-patent Article 4),

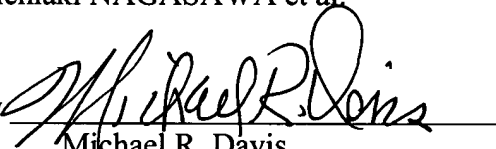
- d. ☒ the concise explanation set forth in the attached English language abstract,
- e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report (ISR) citing one or more of the references is of record.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Michiaki NAGASAWA et al

By



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August 31, 2005

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: August 31, 2005

ATTY DOCKET NO.  
2005\_0859ASERIAL NO.  
10/537,313APPLICANT  
Michiaki NAGASAWA et al.FILING DATE  
June 2, 2005

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2000-224992	08/2000	JP			
	AK	11-302190	11/1999	JP			
	AL	01/40226	06/2001	WO			
	AM	01/24781	04/2001	WO			
	AN	00/09127	02/2000	WO			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	"Inhibitory Effect of Ibudilast (KC-404) on Cyclic Nucleotide Phosphodiesterases", Seiko Murashima: Mie Prefectural College of Nursing, et al., (Jpn Pharmacol Ther) Vol. 26, No. 1 (1998), 41-45.
	AP	"Possible role of cyclic AMP phosphodiesterases in the actions of ibudilast on eosinophil thromboxane generation and airways smooth muscle tone" John E. Souness et al., Br.J. Pharmacol. (1994) 111, 1081-1088.
	AQ	"Ibudilast Modulates Platelet-Endothelium Interaction Mainly Through Cyclic GMP-Dependent Mechanism", Journal of Cardiovascular Pharmacology 36(1) pp 65-70 (2000), KISHI, Y. et al.
	AR	"Drug for improvement of Brain Circulation and Metabolism, and How to Use It", Hirotoishi Kasahara, et al., Clinica, 1990, 17 (5), pages 256-262.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.